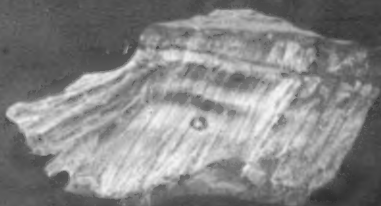
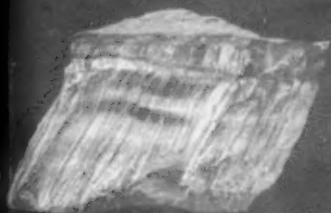




ASBESTOS



NOVEMBER, NINETEEN THIRTY-EIGHT •

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Maximum strength and heat resistance.
Minimum iron for electrical purposes.
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Frictional properties in brake lining.

GARCO roving, yarn, cord, cloth, tape, tubing, rope, wick, wicking and other asbestos textile products give satisfaction because they are made of the best fibre for the particular purpose on modern equipment by skilful workmen.

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Underwriters' Grade
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of

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NORTH CHARLESTON, S. C.

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
CONTINUOUSLY SINCE THAT DATE

A. S. ROSSITER, EDITOR

PUBLISHED MONTHLY BY SECRETARIAL SERVICE

16th FLOOR INQUIRER BUILDING

PHILADELPHIA, PENNSYLVANIA

C. J. STOVER, Proprietor

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Volume 20

NOVEMBER 1938

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November 1938

Page 1

"ASBESTOS"

THE NEW ENGLAND STORM

Asbestos - Cement Roofs and
Siding behaved most satisfactorily

"How did Asbestos-Cement Shingles stand up under the recent hurricane in New England?"

We asked this question of the manufacturers of asbestos-cement products and reports were most pleasing.

"It is quite obvious", writes one manufacturer, "that asbestos shingles withstood the storm better than any other type of roofing, whether metal, wood, slate or asphalt".



Foundations of the cottage which took a ramble up the beach. Note cottage in background.

Photo by Keasbey & Mattison Co., Ambler, Pa.

True enough asbestos shingle roofs were damaged to some extent—it could not be otherwise under the terrific storm which swept the New England States and demolished building after building—felled tree after tree, but generally speaking where asbestos shingle roofs were damaged the damage seemed to be mostly along the gable end where shingles evidently overhung sufficiently to permit the wind

The cottage in its self-picked location. The siding, which was K&M "Century" Broad-siding Shingles, seems to be totally unharmed.

Photo by Keasbey & Mattison Co., Ambler, Pa.



to get hold of them. After the wind tore off a couple of courses, the storm anchors or nails were sufficient to hold the balance of the roof. There were, of course, some few exceptions to this, mostly where the roofs were old, twenty years or so, and the nails badly rusted so that they did not hold.

Every bad storm has its "freak" side. The photographs show one of these and also illustrate the tenacity with which asbestos siding shingles held, despite the fact that the whole building was torn from its foundations and rambled a block or so up the beach. This cottage is at Charleston Beach, R. I. The siding, or in fact the cottage itself, appears to be none the worse, for its flight over rather rough ground.

A.S.T.M. ACTIVITIES

F. S. Mapes, of the General Electric Company, Schenectady, N. Y., was recently elected Second Vice Chairman of Committee D-13 on Textile Materials, this being the A.S.T.M. Committee having jurisdiction over the various Asbestos Textile Specifications. Other officers of the Committee were re-elected; they are: Chairman, Prof. H. J. Ball of the Lowell Textile Institute; First Vice Chairman, R. H. Brown, of Parks-Cramer Co., Fitchburg, Mass., and Secretary, W. H. Whitecomb of Cranston, R. I.

Committee D-13 of the American Society for Testing Materials has issued some 52 specifications, test methods and definitions, these being published in book form each year. The 1938 volume is just off the press and contains, besides the standards, a psychrometric table for relative humidity, photomicrographs of common textile fibres, a convenient yarn number conversion table and a glossary of textile terms. The book can be obtained from A.S.T.M. headquarters, 260 S. Broad St., Philadelphia, Pa., at a price of \$2.00.

Asbestos Textile Specifications included cover those for Asbestos Yarns, Roving and Tape for Electrical Purposes, all of which, however, were adopted in 1937, and therefore there is no change from the specifications on these asbestos materials published last year.

"ASBESTOS"

SERVICE RECORD OF RUBEROID EMPLOYEES

Eighty-three men and women
on service honor roll

The Ruberoid Co. observed its fifty-second anniversary on October 20 by presenting gold emblems to executives and employees with continuous employment records in excess of 25 years, and by displaying on bulletin boards in plants and offices thruout the country engrossed honor rolls listing the name, division and period of employment of each veteran.



Frederick Gable

Born in Erie in 1866, Mr. Gable went to work in 1882 for the H. F. Watson Co. (later acquired by The Ruberoid Co.) as a rag sorter. For 43 years he was a felt machine operator. At present he is a packer in the pipe covering department. It is claimed that Mr. Gable enjoys the longest continuous employment record of any worker now active in the building industries.

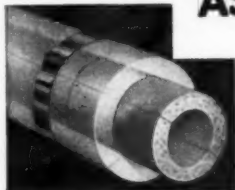
Photo by courtesy The Ruberoid Co.

As the list was arranged on a seniority basis, it was headed by Frederick Gable, of Erie, Pa., whose service record, including employment with a predecessor company, covers a 56-year period. Second on the list was Joseph V. Scheffner, also of Erie, with a 55-year record.

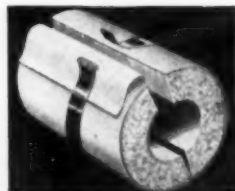
Included among those cited were Herbert Abraham, president, with a service record of 35 years; Louis C. Rugen, vice-president in charge of manufacturing, with the

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There is a Carey Insulation for every known service condition . . . for temperatures ranging from sub-zero to 2500° F.

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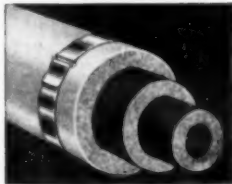
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company for 33 years, and Miss Estelle M. Johnson, secretary, with the company since its founding in 1886.

In all some 83 men and women, including 13 on retirement pensions, were cited. The total continuous employment represented amounted to 2,694 years.

Each of the "Ruberoid Twenty-Fivers", as the veterans are known in the organization, also received a personal letter of congratulation from Mr. Abraham. In addition an open letter to all employees was posted on bulletin boards. In the latter, Mr. Abraham attributed the company's progress not to the efforts "of any one man or of any small group of men" but to "the loyal and conscientious efforts of the entire Ruberoid organization, working together, in good times and bad, in a spirit of mutual help and friendliness."

The Ruberoid Co. has expanded since October 1886, from a small plant with only two products and 15 employees to an organization operating 12 large plants, manufacturing more than 100 products, and normally providing employment for more than 3,000 people. Ruberoid products are now being handled by more than 10,000 distributors in all parts of the country.

ASBESTOS AND ITS UTILIZATION

"Asbestos and Its Utilization" is the title of a paper prepared and read by D. Wolochow (Chemist in charge of Asbestos Research, National Research Laboratories, Ottawa) at the annual general meeting of the Canadian Mining Institute held in March of this year, and published in the Canadian Mining and Metallurgical Bulletin for 1938, pages 421-434.

The paper contains much general information concerning asbestos, its formation, mining, milling, history, uses, etc. A limited number of reprints is available at 25c each from the National Research Council, Ottawa.

Those in the Industry having a "library" on asbestos subjects will, we are certain, be glad to add this reprint to their collection.

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Supplied by*
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EDITORIALS

HOW NOW?

By C. J. Stover

From the time when the Old Man of the pre-historic tribe refused to share his women, his food or his territory with any competitor without a fight to the death, down to this year of 1938, not much progress has really been made toward the great ideal "unselfishness".

True we have learned to "give", thru taxation and pride pressure to those less fortunate, but when you get right down to bedrock our individual urge is to let the other fellow look out for himself while we do likewise.

In business some advance was made toward collective promotion of industry welfare but in the past few years even that has waned.

With no intention to be pessimistic, it does seem to me that greed, ruthless selfishness and barbarism are rampant in business today. This *must* be a reflection of the individual's makeup and, if so, just how far does anyone think we will get by trying to correct individual and corporate morals *by law*.

I remember Prohibition, don't you?

With Bruce Barton and many other good Americans I agree that until personal morals are bettered, either by a return to old time religion or the use of some standard of good ethics, we need not expect any government act to help. Only a "light from within" will brighten this cloudy world. It must be self-generated, transformed and diffused by *you* and *me*, voluntarily.

Political controls have proven hopeless. It's up to *us*.

THE GIVING OF THANKS

Shortly after this number of "ASBESTOS" reaches its readers in this country, the people of the United States will celebrate a truly American holiday — Thanksgiving.

Thanksgiving Day is a typical American custom — with its frivolous side, as marked by football games and

"ASBESTOS"



THE FIRST

ASBESTOS-CEMENT SHINGLES

PRODUCED IN THIS COUNTRY

K&M made the first
asbestos-cement shingles
produced in this country,

and ever since has held a leading place in the
field of asbestos-cement products.

In addition to roofing and siding shingles in a
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K&M Asbestos Lumber, plain, formed and cor-
rugated, as well as asbestos-cement wallboard,
plain and decorative, and Watile.

These are durable, quality products, easily worked
and readily installed — fire-resisting and eco-
nomical for industrial, business and residential
construction.

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A M B L E R • P E N N S Y L V A N I A

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their hurrying crowds; its religious significance and observance, while combining the two are the family gatherings and feasts and, over all, the giving of thanks for plenteous harvests.

The first Thanksgiving Day was held in November 1621. Our historians tell us that the Pilgrims landed at Plymouth, Mass., from the famous ship "Mayflower" in 1620. Thru that winter they suffered many hardships, but during the summer of 1621 there was such an abundant harvest that the Governor of the little colony, Governor Bradford, appointed a day of Thanksgiving in November, marked by religious services and a feast.

The day was occasionally celebrated by various groups and colonies thereafter, but the first *national* Thanksgiving Day was proclaimed by President Washington on November 26th, 1789. In 1864 Abraham Lincoln revived the custom and appointed the 4th Thursday of November for Thanksgiving; since that date Presidents yearly have proclaimed the fourth Thursday of November as Thanksgiving Day.

This year, because of the safe passing of the European crisis, we Americans feel that we have a special cause for thanksgiving. And while Thanksgiving Day is truly an American institution, we invite all of our friends to join with us on that day, the 24th day of November, in the giving of thanks.

"FUNCTIONS OF THE SALES EXECUTIVE"

This is the title of a report recently issued by the Metropolitan Life Insurance Company, based upon a survey by the Metropolitan Policyholders Service Bureau of the practices and experiences of 120 manufacturing concerns.

Many important trends in the field of sales management were brought out in the course of the investigation. The scope of the sales management function is discussed under four general divisions, the product, the market and other "outside" factors, and the sales organization. "outside" factors, and the sales organization.

Interested executives may obtain copies of this report from the Policyholders Service Bureau, Metropolitan Life Insurance Co., 1 Madison Ave., New York City.

"ASBESTOS"

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Canadian Shingle Fibre

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South African Blue Crude

South African Yellow Crude



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8 West 40th Street : New York City

Works: MILLINGTON, N. J.

"ASBESTOS"

NEW ASBESTOS SHINGLE CUTTER---

Combines Light Weight, Portability and Low Cost.

Sensing the need for efficient, light weight, portable slate and asbestos-cement cutters, Parsons Bros. Slate Co., of Pen Argyl, Pa., recently placed two new cutting machines on the market, embodying these features; one of these for the cutting of slate, the other for asbestos-cement products.

All roofers, contractors, carpenters, mechanics — in fact anyone who has occasion to apply slate and asbestos roofing and siding material will find these machines especially well suited for making cuts to any width or length and all notches and angles.

The Parsons' Cutters are light in weight—they weigh only 6 lbs.—portable and extremely simple in operation. The simplicity of operation is best illustrated in the accompanying cuts.

With the new Parsons' Cutters, slate and asbestos are quickly and easily cut to conform to all angles of the val-

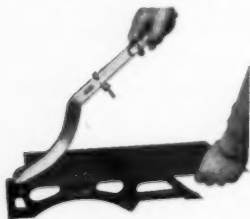


Fig. I

Raise the cutting blade high enough to allow the shingle to be placed all the way into the throat of the machine.

Fig. II.

Then with a short, choppy blow of the blade, make a cut about three or four inches long. The blade will accurately follow a scribed line on either slate or asbestos-cement, the same as a saw in sawing wood.



"ASBESTOS"

Fig. III.

To continue the cut, raise the blade to its original position, slide the shingle ahead and repeat. This operation is continued until the desired length cut has been made.



Fig. IV.

The cutters are equipped with a punch to punch holes in the slate or asbestos shingle; it is best to let the punch rest on the slate or asbestos and then tap with a hammer.



leys, hips, starters, end row pieces, fitting around chimneys, dormers, skylights, towers and windows. The contour of the hollow-ground edges of the Parsons' Cutting Blade really makes two simultaneous cuts, leaving the severed pieces intact and usable.

The machines measure only 18" long, 3-1/2" high and 1" to 1 1/2" wide. It may easily be carried in the tool kit and operated so that actual cutting may be done on the roof or scaffold. The slate cutter takes all slate up to 1/4" thickness, while the asbestos cutter will handle asbestos-cement products up to 3/16" thick.

The fine construction of Parsons' Slate and Asbestos Cutters insures long service and resistance to wear. They are easy to clean, require greasing only once a year and have only one adjustment, the hub, to keep side play out of the cutting blade.

The frame is malleable iron finished in black, while the cutting blade is drop-forged of special steel, carefully heat-treated and cadmium plated to resist rust.

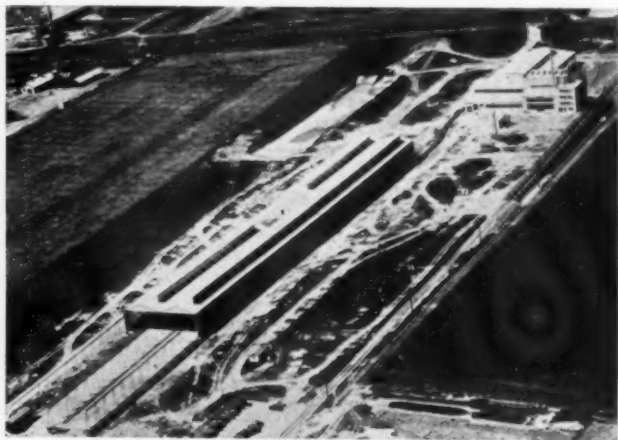
The manufacturers will be glad to send full information to anyone interested.

"ASBESTOS"

JOHNS-MANVILLE NEW PLANT AT WATSON, CALIF.

With the completion of its new million-dollar plant at Watson (a suburb of Los Angeles) California, Johns-Manville announces that it has started production of asbestos-cement pipe on the West Coast.

The new unit, which was placed in operation in the early part of October, is turning out all classifications and sizes of Transite water and sewer pipe, electrical conduit, domestic flue pipe, and industrial vents and stacks. This new California industry, which also includes facilities for the manufacture of rock wool home insulation, will employ a total of between 150 and 200 people.



The new million-dollar plant of Johns-Manville at Watson, Calif., where production of asbestos-cement pipe was started in October. J-M Rock Wool Home Insulation is made in the building in the rear (right).

Asbestos-cement pipe offers the advantages of low installation cost, low operating cost, and long service. In

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CABLES:—VULBESTON, LONDON

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the water distribution systems, the pipe is immune to tuberculation with the result that its initial high delivery capacity is maintained in service. Its smooth interior and unusually low resistance to flow are also of particular advantage in sewerage systems. Other factors which are important in these uses of asbestos-cement pipe, as well as in its application as electrical conduit, include the pipe's immunity to electrolysis and its high resistance to soil corrosion. In use as domestic flue pipe, or industrial vents or stacks, the pipe shows marked resistance to weather and corrosive fumes.

Production of asbestos-cement pipe in the United States was started by Johns-Manville at Waukegan, Ill., in 1928. Later another unit for the manufacture of this material was added to the factory at Manville, New Jersey. Then, with demands for the pipe increasing on the West Coast, Johns-Manville last year started construction of this new plant at Watson.

At Watson the pipe is manufactured in diameters of 2 to 36 inches, inclusive, and the water pipe is made in pressure classes of 50, 100, 150 and 200 lbs. Before leaving the factory, each length of pressure pipe is individually tested in a hydrostatic test machine to prove its ability to withstand internal pressure. In sizes where resistance to flexural stresses due to earth loads and street traffic is important, each section of pipe is subjected to a beam test.

The Watson plant raises the number of Johns-Manville manufacturing units in California to five, thus assuring a direct supply of practically the entire line of J-M building and industrial products for the West Coast market.

RAW ASBESTOS

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THE CRYPT OF CIVILIZATION

Asbestos encloses containers used
in Oglethorpe University Crypt

Those of you who have read the story of the Time Capsule¹ deposited on the New York World's Fair Grounds by the Westinghouse Electric & Mfg. Company, will find just as much interest in the Crypt of Civilization which has been in course of preparation for the last two years at the Oglethorpe University in Georgia under the direction of T. K. Peters, Director of Archives.

The University has available for this purpose two crypts, one under the Administration Building and one under Lupton Hall. These will be filled one at a time and the contents will consist principally of various books and descriptions of our present civilization, (printed on specially designed and prepared metal film) and articles of various kinds designed to tell the story of the present day to those who may be interested six thousand years hence.

So far as the Asbestos Industry is concerned, the interesting part of this record for posterity is the fact that asbestos materials will be used to enclose these various records and articles. The walls and ceilings of the crypts will be lined with chromium and metal shelves will hold the receptacles for the various articles. The metal receptacles will be seamless and will house first an *asbestos-cement lining* (meaning an asbestos-cement tube) then one of glass which last will contain the actual material deposited.

Asbestos fibre will fill the space between the asbestos-cement lining and the glass container; asbestos stove cement with a sodium silicate binder will be used to seal the asbestos-cement tube.

It is planned to effectually seal the crypts and to leave word to posterity that they shall not be opened until the year 8113.

¹ See "ASBESTOS", page 15, September 1938; Page 2, October 1938.

Life is just a succession of things to be enjoyed, endured, or licked. — *Rays of Sunshine.*

"ASBESTOS"

JOHNSON'S COMPANY

ESTABLISHED IN 1875

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MARKET CONDITIONS

GENERAL BUSINESS

General business is improving, and in fact Babson predicts a boom. Undoubtedly the tone is much more optimistic than it has been for many months.

"Business is showing a slow and unsteady convalescence from its illness" says A. W. Robertson, Chairman of the Board of Westinghouse Electric & Mfg. Company, and, "In anticipation of better business, the company's \$12,000,000 program of improvement and enlargement is continuing on schedule". When large industrial firms are backing up their belief that business is better by spending millions of dollars, it means just a little more than mere optimism.

P. A. Andrews, Vice President in charge of building materials for Johns-Manville, recently stated "We are convinced beyond doubt that 1939 should be a great year (in the building materials line)".

"The automobile situation is of outstanding importance in the early business outlook" states the National City letter for November. "There are people both within and without the industry who fear that retail sales of the new models will fall short of the rising hopes; but the early indications as given by dealer orders and field reports are encouraging. Both General Motors and Chrysler have announced upward revision of their assembly schedules, due to continuing heavy dealer orders".

Those — electrical, building, automobile — are probably the three most important general markets so far as the Asbestos Industry is concerned.

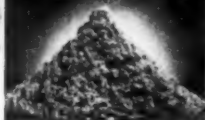
A further general comment by the National City letter sums up the general business situation: "The month of October has brought further evidence of business improvement, and despite some disappointments the indications for the near future have continued favorable. No one would say that a surge of unqualified optimism is sweeping over the country, for the situation is spotted. In the equipment

"ASBESTOS"

VERMONT ASBESTOS



MINED IN THE U. S. A.



. . . FREE FROM FOREIGN FIBRES

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"ASBESTOS"

industries particularly, the demand is still lagging, and retail trade has been held back by unseasonably warm weather. Nevertheless, the business indexes have been moving upward. Steel, automobile and building operations have improved and the textile industries have held their ground."

ASBESTOS - RAW MATERIAL

Two very interesting comments on the raw asbestos market have come in this month. The first one says:

"Prices on raw asbestos for the coming year have been announced by some of the Canadian Mines. They are practically the same as last year. On special grades (such as shingle fibre for the Japanese market) there has been an advance of \$2.50 per ton. Shipments for this fall are showing a marked improvement over summer and indications for spring, are excellent. Market firm. Some excellent Blue Asbestos from Australia is now appearing on the market."

And the second: "Recent weeks have shown a marked improvement in the demand for raw asbestos of all grades in the United States, with the possible exception of textile fibre. Overseas' demand for all grades continues to be heavy and the Canadian Mines are receiving the usual large volume of orders for shipment on the final steamers before the close of navigation on the St. Lawrence. Prices continue to be firm and the indications are that they will be maintained on the current basis for 1939 with the possible exception of minor increases in one or two grades".

ASBESTOS - MANUFACTURED GOODS

Textiles. The market for textiles seems to be very slowly improving. However, because of the drastic price cutting which has taken effect during the last few months much of this business is undesirable from a profit standpoint.

Insulation. High Pressure. Volume increasing more slowly than was the case a month or so ago. However, prices are firm, there is no sign of a recession in volume and seasonal factors are favorable.

Insulation. Low Pressure. The unseasonably warm weather being experienced all over the country has had an adverse effect on this market. Manufacturers and distributors expect a spurt in business when a cold snap arrives.

"ASBESTOS"

In the meantime prices have a tendency to soften. Volume in the Paper and Millboard market always follows that of the Low Pressure Insulation and therefore demand for paper and millboard has also dropped off.

Asbestos-Cement Products. One of our correspondents tells us: "The asbestos-cement shingle business improved somewhat during October; the hurricane in New England having some effect on the increase. The increase in general, however, was due to new construction work, rather than to re-siding. The sale of industrial asbestos-cement products continued to improve, altho very slightly".

While another writes us in much the same vein: "Demand for asbestos-cement shingles and sidings has continued at a satisfactory rate, with only a slight falling off because of seasonal conditions. There is some improvement in the demand for industrial products such as the corrugated and flat sheets."

The above represent the ideas and opinions of men in the Asbestos Industry closely in touch with field conditions. All comments are welcome.

NEW ZEALAND

Reports reach us that extensive asbestos deposits have been found in the mountainous districts in the South Island of New Zealand and licenses have been granted to two companies to work the deposits.

The Government of New Zealand has been constructing roads to facilitate transport to the site of operations.

CURRENT RANGE OF PRICE on Canadian Crudes and Fibres

	Per ton (2000 lbs.) f. o. b. Mine
Group No. 1 (Crude No. 1)	\$700.00 to \$750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry ¹)	150.00 to 350.00
Group No. 3 (Spinning or Textile Fibre)	110.00 to 200.00
Group No. 4 (Shingle Fibre)	57.00 to 76.50
Group No. 5 (Paper Fibre)	40.00 to 45.00
Group No. 6 (Waste, Stucco or Plaster)	30.00
Group No. 7 (Refuse or Shorts)	12.00 to 25.00

¹ Crude Run-of-Mine refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and No. 2 Crude. Crudes Sundry refers to certain odd lots of off grade material which do not conform to the regular standards of No. 1 Crude or No. 2 Crude.

CONTRACTORS AND DISTRIBUTORS PAGE

Building

Residential building made further marked advances in September, according to F. W. Dodge Corporation. Contracts awarded in September for dwelling accommodations of all kinds in the 37 States east of the Rocky Mountains amounted to \$99,574,000, compared with \$65,590,000 in September, 1937, and with \$99,732,000 in August of this year. The increase over September 1937, was 52 per cent, and the daily average of September contracts was somewhat higher than the August daily average, whereas there is usually a seasonal decline in September.

Two outstanding large projects swelled the September residential total, both in New York City. One was the Red Hook housing project, first to be started under the new Federal public housing program, contracted for at \$7,243,000. The other was the first unit of the vast investment housing project of the Metropolitan Life Insurance Company, valued at \$11,685,000. While these two projects were of exceptional character in the September record, both are forerunners of similar public and private housing projects to come. Together, they accounted for nearly \$19,000,000 of the \$34,000,000 increase over September, 1937. Of the fifteen districts making up the 37 States' territory, nine besides the Metropolitan New York area showed residential contract increases over the corresponding period of last year. The month's record included 10,090 new single-family houses, compared with 8,373 contracted for during September, 1937.

Recovery progress in residential building is shown in the 1938 record by quarters. The dollar volume of contracts in the first quarter ran 33 per cent behind the first quarter of 1937; the second quarter of this year ran 15 per cent behind; but the third quarter ran 30 per cent larger in residential volume than the third quarter of last year. At the end of September, the cumulative dollar volume of residential contracts for this year was only 7 per cent behind the figure for the first nine months of 1937.

There has been no seasonal let-up in the flow of mortgage-insurance applications to the Federal Housing Administration. The volume of mortgages selected for appraisal continued thru September at the rate, established last March, of \$22,000,000 a week. Mortgages accepted for insurance by the

"ASBESTOS"

F.H.A. continued at the rate of \$15,000,000 a week. With these indications of continued small-house building, increased financing of large-scale private rental projects, and a huge public housing program barely started, the prospect for residential building during the remainder of 1938 and, at the very least, thru the first half of 1939, appears exceedingly good.

A surprisingly large number of those who are labelled "chiselers" undercut their competitors thru sheer ignorance.—
U. R. C. A. Bulletin.

The Federal Housing Administration believes that the expiration of Title I of the National Housing Act next year will result in a boom in the volume of loans granted under its provisions. A substantial part of that volume will be made this fall before cold weather sets in; the rest of it will no doubt appear next spring just before the expiration date.

ASBESTOS STOCK QUOTATIONS

(These figures compiled from the Commercial and Financial Chronicle. No guarantee made as to their correctness).

	Par	October 1938		
		Low	High	Last
Asbestos Corp. (Com.)	np	84	111	111
Celotex (Com.)	np	23 $\frac{3}{4}$	30 $\frac{1}{8}$	29
Celotex (Pfd.)	100	67	70 $\frac{1}{4}$	69
Certainteed (Com.)	1	10	12 $\frac{3}{8}$	11 $\frac{5}{8}$
Certainteed (Pfd.)	100	40	46	44
Flintkote (Com.)	np	24 $\frac{1}{8}$	29 $\frac{1}{2}$	27 $\frac{3}{8}$
Johns-Manville (Com.)	np	99 $\frac{1}{2}$	111 $\frac{1}{2}$	102
Johns-Manville (Pfd.)	100	126 $\frac{1}{4}$	130	127
Raybestos-Manhattan (Com.)	np	19	23 $\frac{1}{2}$	21 $\frac{7}{8}$
Ruberoid (Com.)	np	27 $\frac{3}{8}$	32 $\frac{3}{4}$	31 $\frac{1}{4}$
Thermoid (Com.)	1	4 $\frac{1}{8}$	5 $\frac{1}{8}$	4 $\frac{1}{2}$
Thermoid (Pfd.)	10	10	22	19
U. S. Gypsum (Com.)	20	101	114 $\frac{3}{8}$	108
U. S. Gypsum (Pfd.)	100	155	172	171 $\frac{1}{2}$

ASBESTOS ORES - MINERALS

Import • Transit • Export

"Tropag" Asbest & Erzimport

Oscar H. Ritter — K.G.

Hamburg

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"ASBESTOS"



Africa (Rhodesia)

(Statistics by Rhodesia Chamber of Mines)

	August 1938			
	Tons (2000 lbs.)	£	s	d
Bulawayo District				
Nil Desperandum (Afr. Asb. Mng. Co., Ltd.)	713.63	8,207	14	9
Pangani (Pangani Tributors)	19.50	122	1	3
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	3,316.73	61,234	18	7
Victoria District				
Allanvale (Mashaba Rho. Asb. Co. Ltd.)	29.00	191	5	3
D. S. O. (Mashaba Rho. Asb. Co. Ltd.)	15.00	86	14	0
Gaths and King (Rho. & Gen. Asb. Corp. Ltd.)	820.57	17,437	9	4
Rosey Cross (Mashaba Rho. Asb. Co., Ltd.)	4.50	72	7	3
	4,918.93	87,352	10	5
August 1937	4,795.75	79,954	7	2

Canada

(Statistics published by Bureau of Mines, Province of Quebec)

Production September 1938	28,297 (2000 lbs.)
Production September 1937	40,211 (2000 lbs.)

	3rd Quarter Ending Sept. 30, 1938	3rd Quarter Ending Sept. 30, 1937
Crudes	495	1,115
Fibres	29,693	59,640
Shorts	11,895	50,530
	42,083	111,285

U. S. S. R.

Exports of Raw Asbestos from U. S. S. R. in 1936 amounted to 26,147 metric tons (or 28,821 short tons); in 1937 tonnage exported amounted to 27,299 metric tons (30,092 short tons), this according to Foreign Minerals Quarterly published by the United States Bureau of Mines in June 1938.

So far no information concerning the Production of Raw Asbestos in the U.S.S.R. has been received. Production in 1936 was stated to be 125,117 metric tons (137,917 short tons).

"ASBESTOS"



IMPORTS AND EXPORTS



Imports into U. S. A.

(Figures published by U. S. Dept. of Commerce)

Unmanufactured Asbestos:

	August 1937	August 1938
	Tons (2240 lbs.)	Tons (2240 lbs.)
Africa (Br. S.)	85	199
Canada	20,979	13,173
Cyprus	1,611	.....
Finland	39	.....
Italy	2	195
U. S. S. R. (Russia) .....	.....	880
United Kingdom	2	.....
	<hr/>	<hr/>
Value	22,718	14,447
	\$797,216	\$492,511

Tabulation by Grades:

Crude (Br. S. Africa)	85	199
Crude (Canada)	203	58
Crude (Italy)	2	.....
Crude (United Kingdom)	2	.....
Milled Fibre (Canada)	7,059	3,968
Milled Fibre (U. S. S. R.) .....	.....	880
Lower Grades (Canada)	13,717	9,147
Lower Grades (Cyprus)	1,611	.....
Lower Grades (Finland)	39	.....
Lower Grades (Italy) .....	.....	195
	<hr/>	<hr/>
	22,718	14,447

Manufactured Asbestos Goods:

	August 1937	August 1938
	Pounds	Pounds
Austria (Packing)	2,352	.....
Belgium (Shingles)	181,044	51,018
Canada (Packing) .....	.....	20
France (Woven Fabric) .....	.....	800
Germany (Yarn) .....	.....	603
Germany (Packing) .....	.....	1,870
Germany (Woven Fabrics)	217	.....
United Kingdom (Yarn)	4,848	.....
United Kingdom (Packing)	4,511	977
United Kingdom (Woven Fabric)	1,349	.....
	<hr/>	<hr/>
	194,321	55,288

"ASBESTOS"

The value of Manufactured Asbestos Goods imported into the United States during August 1938 was \$3,339; compared with a value of \$9,304 in August 1937.

Exports from U. S. A.

Exports of unmanufactured asbestos during the month of August 1938 amounted to 133 tons, valued at \$21,879; compared with 176 tons valued at \$17,386 in August 1937.

Exports of Manufactured Asbestos Goods:

		August 1937		August 1938	
		Quantity	Value	Quantity	Value
Paper, Mlbd. & Rlbd.	lbs.	149,277	\$22,559	59,952	\$5,225
Pipe Covg. & Cement	lbs.	461,948	20,688	171,134	13,711
Textiles & Yarn	lbs.	3,992	1,360	10,769	5,670
Packing	lbs.	124,401	71,825	74,281	43,305
Brake Lining—					
Molded & Semi-					
molded			60,109	.....	53,438
Not Molded	lin ft.	104,119	19,480	75,717	15,233
Clutch Facings—					
Molded & Semi-					
molded	units	13,751	7,332	25,724	6,973
Woven	units	4,783	1,376	6,370	1,757
Magnesia & Mfrs. of	lbs.	204,056	27,329	154,627	10,174
Asbestos Roofing	sqs.	2,912	14,362	23,957	48,864
Other Manufactures	lbs.	281,344	23,275	289,649	18,490

Exports of Raw Asbestos from Canada

(Figures by Dominion Bureau of Statistics)

		August 1937		August 1938	
		Tons	Value	Tons	Value
		(2000 lbs.)		(2000 lbs.)	
United Kingdom	949	\$	59,007	1,690	\$101,111
United States	8,289		453,498	4,442	228,766
Australia	279		13,801	537	34,683
Belgium	1,893		113,025	1,412	93,350
Czechoslovakia				27	2,081
France	1,505		90,903	125	19,513
Germany	2,779		224,305	3,373	343,746
Italy	250		22,055	647	50,013
Japan	3,721		157,135	133	21,263
Netherlands	44		1,700	22	994
New Zealand				20	1,320
Poland	44		3,920	16	2,145
Portugal	55		3,933
Sweden				315	20,858
		19,808	\$1,143,282	12,759	\$919,843

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Exports of Raw Asbestos from Canada (Cont'd)

Sand and Waste

United Kingdom	706	12,747	585	11,320
United States	14,496	230,609	10,567	188,816
Belgium	256	4,384	.....	.....
Cuba .....	.....	.....	30	390
Columbia	38	413	.....	.....
Czechoslovakia .....	.....	.....	5	132
France	30	660	10	240
Germany	396	7,093	190	4,379
Japan	600	13,200	.....	.....
Mexico	30	360	.....	.....
Netherlands	63	1,386	30	720
Poland	3	72	100	2,400
Portugal	22	600	.....	.....
Puerto Rico	30	330	.....	.....
Venezuela	63	693	.....	.....
	<u>16,733</u>	<u>272,547</u>	<u>11,517</u>	<u>208,397</u>
<i>Grand Total</i>	<i>36,541</i>	<i>\$1,415,829</i>	<i>24,276</i>	<i>\$1,128,240</i>

Imports and Exports by United Kingdom:

Imports of Raw Material.

	August 1937		August 1938	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
From Africa (Rhodesia)	1,176	£27,726	1,328	£ 42,956
Africa (U. of South)	1,121	18,341	1,137	22,109
Other British C'tries ¹	1,220	18,565	1,946	36,546
Foreign Countries ¹	184	3,351	245	4,630
	<u>3,701</u>	<u>£67,983</u>	<u>4,656</u>	<u>£106,241</u>

Imports of Asbestos Manufactures:

August 1938	30,286 Cwts. valued at £11,076
August 1937	42,117 Cwts. valued at £14,705

¹ Detailed figures by countries not available at time of going to press.

"ASBESTOS"

Imports and Exports by United Kingdom (Contd.)

Exports of Asbestos Manufactures:

	August 1937		August 1938	
	Cwts.	Value	Cwts.	Value
To Eire (Irish Free State)	3,593	£ 3,921	2,844	£ 2,474
To British India	7,116	7,787	5,140	9,066
To Australia	1,003	4,790	794	3,674
To Other British Countries	37,118	40,945	36,841	33,491
To Netherlands	2,403	7,052	1,092	5,163
To Belgium	1,636	5,568	459	2,889
To France	148	1,620	214	1,870
To Italy	554	5,343	44	548
To Other Foreign Countries	10,997	36,702	13,366	35,463
	64,568	£113,728	60,794	£94,638

Exports of Raw Asbestos from South Africa

	July 1937		July 1938	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
To Australia	119	£ 1,470	129	£ 1,371
Belgium	15	269	31	691
Canada	50	1,113	25	454
France	85	1,928	95	2,210
Germany	60	2,191	109	2,984
India	86	521	383	2,767
Italy	22	853	108	2,913
Japan	336	4,286	.....	.....
Netherlands	5½	103	.....	.....
Sweden	3	49	.....	.....
United Kingdom	1,026	13,375	1,030	17,163
U. S. of America	110	2,291	198	4,577
	1,917½	£28,449	2,108	£35,130

AUTOMOBILE PRODUCTION

Automobile Production for September 1938 totalled 89,623 (the U. S. A. figure being 83,534 and the Canadian 6,089); in September 1937 the total production was 175,630 (171,213 in the United States and 4,417 in Canada).

The above compares with a total production in August 1938 of 96,936 (90,484 in the U. S. A. and 6,452 in Canada) and with a total production in August 1937 of 405,072 (394,330 in the United States and 10,742 in Canada).

For the first nine months of 1938 the total production was 1,643,035; for the like period in 1937, 3,954,480.

The automotive industry is looking forward to a much better year in 1939.

NEWS OF THE INDUSTRY

BIRTHDAYS.

Frank R. Anderson, Vice President, Sall Mountain Co., Chicago, Ill., November 24.

Alvin C. McCord, President, McCord Mfg. Co., Wyandotte, Mich., November 24.

John J. Krez, President Paul J. Krez Co., Chicago, Ill., November 26.

S. J. Gillis, Waterfront Manager, Plant Rubber & Asbestos Works, San Francisco, Calif., November 26.

Alfred E. Hermes, Secretary-Treasurer, Acme Asbestos Covering & Flooring Co., Chicago, Ill., November 27.

E. T. Connell, President, Connell Asbestos Co., Brooklyn, N. Y., November 29.

George W. Gerding, Asbestos Fibre Spinning Co., North Wales, Pa., November 29.

S. P. Moffit, Vice President and Director, The Ruberoid Co., November 29.

R. E. Kramig, Senior Partner, R. E. Kramig & Co., Cincinnati, O., November 29.

G. C. Estes, General Sales Manager, The Lehon Co., Chicago, Ill., December 2.

K. H. Behre, Sales Manager, Vermont Asbestos Mines, New York City, December 5.

Kenneth MacLellan, Managing Director, George MacLellan Co., Ltd., Glasgow, Scotland, December 8.

Congratulations and best wishes are extended by "ASBESTOS" to all these gentlemen.

THE BRAKE LINING MANUFACTURERS' ASSOCIATION, at its annual meeting on September 28 in New York City, elected the following officers for the coming year: E. S. Crosby of Johns-Manville, President; T. L. Gatke of Gatke Corporation, First Vice President; W. C. Dodge, Jr., of Ferodo & Asbestos, Inc., Second Vice President; J. S. Crawford of Johns-Manville, Treasurer; C. A. Ekwall, Secretary, General Manager and Assistant-Treasurer.

The above officers are also members of the Executive Committee. Other Members of the Executive Committee are F. E. Schluter of Thermoid Co., F. J. Bowers of Scandinavia Belting Co., R. B. Davis of Raybestos Division, H. A. Gillies of American Brakeblok Division, H. D. LaMont of Asbestos Manufacturing Company.

"ASBESTOS — A STRATEGIC MINERAL" is the title of an article which appeared in the October number of Mining and

"ASBESTOS"

Metallurgy, its author being Dr. Oliver Bowles, Assistant Chief Engineer, Nonmetal Economics Division, U. S. Bureau of Mines. Dr. Bowles discusses in the article the question "Has the United States Adequate Sources of Supply?" of this odd and useful mineral.

CANADIAN REFRACTORIES LIMITED of Montreal has discovered asbestos in connection with some of its properties near Ottawa, and expects to have commercial quantities available early in 1939. The material in this deposit is said to be of good quality.

W. B. HARRIS has recently established at Globe, Ariz., a mill for the fiberizing of asbestos, and also one for the separation, etc., of crudes, each having, we understand, a capacity of about 75 tons a month. It appears that the main object is the fiberizing of raw asbestos for some of the deposits which do not have milling facilities of their own.

JOHNS-MANVILLE reports a profit for the third quarter of 1938 (ended September 30) of \$882,366.26; for the nine months ended September 1938 profit was \$857,468.78. These figures represent the consolidated net profit earned by Johns-Manville Corporation and subsidiary companies after deducting provisions for depreciation of plants and equipment and depletion of mineral and other resources, and Federal taxes. Detailed figures of the report, compared with those for last year, are given below:

	THIRD QUARTER ENDED	
	Sept. 30, 1938	Sept. 30, 1937
Sales, net of Returns and Allowances	\$12,341,457.05	\$16,397,159.56
Less: Manufacturing Cost, Selling and Administrative Expenses	10,725,128.73	13,467,588.23
Profit before Depreciation, Depletion and Income Taxes	1,616,328.32	2,929,571.33
Less: Depreciation and Depletion	587,020.57	677,860.18
Profit after Depreciation and Depletion	1,029,307.75	2,251,711.15
Less: Provision for Income and Excess Profits Taxes	146,941.49	470,853.79
Profit after Income Tax	882,366.26	1,780,857.36
Profit Per Common Share .....	.89	1.94

	NINE MONTHS ENDED	
	Sept. 30, 1938	Sept. 30, 1937
Sales, net of Returns and Allowances	\$34,702,288.50	\$46,188,635.63
Less: Mfg. Cost, Selling and Adm. Expenses ..	31,837,059.43	38,457,289.93
Profit before Depreciation, Depletion and Income Taxes	2,865,229.07	7,731,345.70
Less: Depreciation and Depletion	1,720,008.90	1,880,794.42
Profit after Depreciation and Depletion	1,145,220.17	5,850,551.28
Less: Provision for Income and Excess Profits Taxes	287,751.39	1,258,360.55
Profit after Income Tax	857,468.78	4,592,190.73
Profit Per Common Share .....	.55	4.94

Earnings of Johns-Manville Credit Corporation are not consolidated with those of the parent company, such earnings being for the first nine months of 1938, \$162,954 compared with \$159,788 for the same period last year.

The regular quarterly dividend of \$1.75 per share on the 75,000 shares of preferred stock, amounting to \$131,250, was paid on October 1st.

• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD YARNS
ROYINGS POWDER CLOTHS
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.

FACTORY, BARKING, ESSEX

United States Sales Agent:

ARNOLD W. KOEHLER

415 LEXINGTON AVE.

NEW YORK CITY

TELEPHONE—MURRAY HILL 2-8287

"ASBESTOS"

THE RUBEROID CO. reports earnings of 87 cents a share for the quarter ended September 30, as compared to earnings of 83 cents a share for the similar quarter last year.

Total profit for the period, after provision for depreciation and Federal income and capital stock taxes, amounted to \$345,773.44 for the quarter, compared to profit of \$331,042.72 for the corresponding period of 1937. The report states, however, that the profit for the quarter ended September 30, 1938, includes \$158,091.53, representing the excess of a liquidating dividend received from The Ruberoid Purchase Corporation, which was dissolved on September 23, 1938, over the cost to The Ruberoid Co. of its investment in that company, and that earnings of \$11,937.75 of The Ruberoid Purchase Corporation for the third quarter of 1937 are not included in the profits for that period.

Profits for the first nine months of 1938, including the liquidating dividend of \$158,091.53 from The Ruberoid Purchase Corporation, amounted to \$351,052.26, or 88 cents per share, compared with \$805,470.04, or \$2.02 per share, in the corresponding period last year. The 1937 figures, however, do not reflect earnings of \$68,829.03 of The Ruberoid Purchase Corporation for that period.

Total depreciation, depletion and amortization for the nine months ended September 30, 1938, aggregated \$408,176.58, compared to \$357,301.56 for the corresponding period in 1937.

Net sales totalled \$3,814,038.72 and \$10,158,511.79 for the quarter and nine months ended September 30, respectively compared to \$4,762,230.04 and \$13,623,869.52 for the similar periods in 1937.

JOHNS-MANVILLE announces a series of fifteen one-day "clinics" to which owners and managers of lumber yards throught the east, middle west and south will be invited, this in the belief that 1939 holds great potential promise for the building industry if it fits itself to take advantage of its opportunities. At these "clinics" various ailments of the building industry will be diagnosed and appropriate cures prescribed. A particularly searching inquiry will be made into the new house market.

The clinics will begin December 2 at Boston and will end on December 20 at Richmond, Va. and New York City. Clinics will also be held on December 5 at Philadelphia, December 7 at Pittsburgh, and Cincinnati, on December 9 at Detroit and Memphis, on December 12 at Chicago and Houston, on December 14 at Minneapolis and New Orleans, on December 16 at Atlanta and St. Louis, on December 19 at Charlotte, N. C. This is the fourth series of clinics, the first one having been held in 1936. Attendance last year totalled more than 4300.

Speakers and discussion leaders at the clinics, will include P. A. Andrews, vice president in charge of building materials for Johns-Manville; L. R. Hoff, president of the Johns-Manville Sales Corporation; H. M. Shackelford, vice president in charge of sales promotion; J. L. Wood, general credit manager; A. A. Hood, manager, Housing Guild Division; L. C. Hart, general

"ASBESTOS"

sales manager; L. M. Cassidy, general merchandising manager and Harold D. Bates, assistant manager, Housing Guild Division.

Discussions at the clinics will be high-spotted during the day by dramatic sketches by a cast of professional actors under the direction of Luther Reed, widely known Hollywood movie director.

ROCKBESTOS PRODUCTS CO. of New Haven, Conn., have recently added to their sales staff, J. O. Pease as New England Sales Representative, operating out of their New Haven Office.

ASBESTOS CORPORATION LIMITED. An article which appeared in the Financial Times (Montreal) October 28th issue, will interest all readers of "ASBESTOS" as it gives in a nutshell the present position of this large asbestos producing company as seen by the Financial Times, and some idea of the great progress that has been made by Asbestos Corporation Limited during the past several years. We quote from the article mentioned:

"One of the most notable recoveries that has been seen in any Canadian industry in recent years has been taking place in the important asbestos industry in the province of Quebec. This development has been due to the tremendous expansion that has occurred in different parts of the world in the demand for asbestos products, and the world position in the industry held by Asbestos Corporation Limited.

"Despite decline in volume shipments during the greater part of current year, higher prices and savings in fixed charges, resulting from bond refunding of last year, seem likely to boost 1938 earnings of Asbestos Corporation well above the good showing of 1937, more particularly with further improvement in sales, as now indicated, during final quarter of the year.

"For the full year 1937 company reported earnings of \$4.44 a share on common after interest, special appropriations to reserves. Earnings, before special transfer to betterment reserve of \$200,000 amounted to \$5.78 a share.

"In circles close to the company it is known that the question of a possible split-up in the shares has been under consideration on different occasions. Recent developments would point to the carrying out of such a plan in the near future. It is believed that when it is put into force it will be on a basis of four or five shares of new stock for every share of the present stock. In this way the old shareholders will be able to recoup part of the loss in equity they sustained in the drastic cutting down that was effected some years ago.

"At time of the 1932 reorganization, underlying bonds amounted to \$749,179, first mortgage bonds \$2,361,000, general mortgage bonds \$4,132,300, preferred stock (\$100 par) \$7,456,879, or a total book valuation of \$14,698,870, in addition to 200,000 shares no par value common stock Bond interest amounted to

"ASBESTOS"

approximately \$500,000. The new capitalization approved at that time, was whittled down to \$749,179 underlying bonds and \$2,361,000 new general mortgage 6% income bonds, or total of \$3,110,179, plus 101,799 shares no par common stock.

"Since the reorganization, the underlying bonds have been paid off, the income bonds retired thru issuance of 16,000 shares at \$75 a share, and last year remaining bonds of company were retired from cash and thru issuance of low interest bearing bonds and additional common stock. Of these \$1,000,000 bonds, \$500,000 have been retired and company is understood to have government bonds on hand equal to amount sufficient to take care of the balance of the bonds now outstanding. Other than remaining bonds, there are outstanding only 149,300 shares of common stock."

Asbestos Corporation Limited is to be congratulated on the progress made in spite of the many obstacles encountered, depression in world business conditions and in the Asbestos Industry.

THE MANCHURIAN ASBESTOS COMPANY has been formed as a subsidiary of the Asano Cement Company (of Tokyo) to undertake the exploitation of a number of asbestos deposits in Southeast Manchuria, and to erect a factory at Mukden to manufacture asbestos-cement tubes for a series of gas works to be erected in Manchuria.

ROBERT CALVERT, registered patent attorney, for ten years a research laboratory director, and for the last seven continuously engaged in patent solicitation for one of the larger asbestos concerns, has opened an office for the practice of patent law, at 50 E. 41st St., New York City.

PACIFIC COAST ASBESTOS ASSOCIATION held its Tenth Annual Convention at the Sir Francis Drake Hotel in San Francisco on November 3rd and 4th. The meeting was attended by thirty members, including representatives from Seattle, Portland, Oakland, San Francisco, and Los Angeles. H. M. Holway of Plant Rubber & Asbestos Works, Los Angeles, president for 1938, presided over the meeting.

The following officers and directors were elected for the year 1939: President, Clarke E. Wayland of San Francisco; Vice President, Reuben H. Chase, San Francisco; Secretary-Treasurer, Arthur W. Knight, San Francisco; Directors, Ralph Tomlinson of Portland, Oregon, and H. M. Holway of Los Angeles.

Charles T. Butte, Los Angeles, and Franklin Shuey, San Francisco, were elected honorary life members of the Association in recognition of the services which they have rendered the Association from its inception in 1929 and thruout the ten years of its existence.

THE CELOTEX CORPORATION of Chicago announces the appointment, effective November 1, of Ernest C. Rautenberg as manager of the Corporation's Boston branch. Until his promo-

tion, Mr. Rautenberg, who has been with Celotex since 1929, was assistant manager of the Chicago Branch. Mr. Rautenberg entered the building materials supply business at Buffalo, N. Y., in 1919, immediately following his graduation from Dartmouth College.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Wick for Oil Burners. No. 2,128,356. Granted on August 30, 1938 to Carl G. Fredrickson, Roslindale, Mass. Application May 6, 1936. Serial No. 78,160.

A wick for oil burners having a naked body of closely compacted fibrous non-combustible absorbent material (asbestos) which has integral therewith on its lower edge spaced supporting legs of the same absorbent material as that comprising the body of the wick, the body of the wick being provided with relatively large air feeding apertures extending therethrough, each open aperture being open on both sides of the body.

Friction Element. No. 2,130,526. Granted on September 20, 1938 to Chris Bockius, Stamford, Conn., and Judson A. Cook, Haledon, N. J., assignors to Raybestos-Manhattan, Inc., Pas-saic, N. J. Application November 30, 1935. Serial No. 50,802.

A device for making endless wound friction facings comprising in combination a frame, a shaft mounted upon said frame, a form mounted upon said shaft, means for rotating said shaft to wind an asbestos strand upon said form, means for guiding said asbestos strand to said form and means synchronized with the movement of said shaft and form for reciprocating said guiding means a plurality of times for each revolution of said form, said reciprocating means comprising an eccentric, means for preventing said eccentric from said shaft, and a slidable member operatively connecting said eccentric and said strand guiding means.

Dolomitic Magnesium Carbonate. No. 2,131,374. Granted on September 27, 1938 to Bertrand B. Grunwald, deceased; late of Alameda, Cal., by Dorothy H. Grunwald, Administratrix, Alameda, Calif. Application August 17, 1936; Serial No. 96,474.

The method of producing from dolomitic material a composition having self setting properties which comprises carbonating an aqueous vehicle containing calcined dolomitic material to form water insoluble calcium carbonate and to convert substantially all of the magnesium containing substance in such vehicle to a water insoluble carbonate of magnesium in crystalline form, terminating the carbonation when substantially all the magnesium containing substance has been thus converted and enhancing the setting by applying heat to a slurry containing said calcium carbonate and said crystalline carbonate of magnesium.

THIS and THAT

Sixty Years. On October 15 General Electric celebrated its 60th birthday. The starting point of the Company was the founding on October 15, 1878 of the Edison Electric Light Company to finance a search for a commercially practical electric lamp. Today, it has 21 factories, 130 sales offices and service shops and thousands of distributors and dealers in the United States alone, and factories, offices and representatives thruout the rest of the world. Last year's sales of incandescent lamps totalled 955 millions.

Gold and Asbestos. Gold has been found on one of the claims covering asbestos deposit recently discovered on islands in the Lake of the Woods (mentioned on page 16 of September "ASBESTOS") near Kenora, Canada. The strike of gold has so occupied those interested in the deposit that little has been done with the asbestos.

Preventing Corrosion. A new development in protecting steel conduit from corrosion has recently been announced by Walker Brothers of Conshohocken, Pa. The new process, known as "Walkerizing", consists of a uniform coating of zinc fused into the outside and inside walls of the steel tube. Over this is applied a second coating containing a new, inert substance, which offers strong resistance to acids, alkalies and salt water.

Cutting the Gas Bill, is said to be accomplished by asbestos attachments which form a collar around the burner on the kitchen stove. The asbestos ring extends down to the under grate and is 1/8th to 1/4th inch thick. It prevents outside air currents from dissipating the heat, and intensifies the flame.

Eclipse Aviation Division of Bendix Aviation Corporation announces the opening of its new, modern plant at Bendix, N. J., on October 25. Both offices and factory are located at this plant.

One of Twenty-five. More than 25 different minerals are used in the manufacture of motor cars, — asbestos is one of them. The others are coal, iron, zinc, limestone, copper, silver, soda, bauxite, chromium, petroleum, clay, sand, tungsten, borax, molybdenum, mica, manganese, cadmium, salt, carbon, asphalt, lead, aluminum, nitrates and sulphur.

Alcohol Test, A simple test to check a motorist's breath for alcohol, is the blowing into a tube in which cotton or asbestos fibres, wet with yellow reagent, have been placed. The fibres turn blue if the breath is alcoholic.

A.S.H. & V.E. The 45th Annual Meeting of the American Society of Heating & Ventilating Engineers, to be held at Pittsburgh, Pa., January 23-26, 1939, will be in the nature of an ob-

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servance of the 20th anniversary of the establishment of the ASHVE Research Laboratory. Special emphasis at the technical sessions will be laid on research problems. One of the topics discussed will be the characteristics of reflective insulation materials.

Form 2000—U. S. G.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACTS OF CONGRESS OF AUGUST 24, 1912, AND MARCH 3, 1933

Of "ASBESTOS" published monthly
(Insert title of publication.) (State frequency of issue.)
at Philadelphia, Pa. for October 1936.
(Name of post office and state where publication is entered.)
STATE OF Pennsylvania
COUNTY OF Philadelphia

Before me, a Notary Public in and for the State and county aforesaid, personally appeared A. S. Rosnitter, who, having been duly sworn according to law, deposes and says that he is the Editor of the "ASBESTOS" (Insert title of publication.) and that the foregoing is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Act of March 3, 1933, embodied in section 527, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

	Name of—	Post office address—
Publisher	<u>Secretarial Service</u>	<u>16th Floor, Inquirer Bldg.,</u>
Editor	<u>A. S. Rosnitter</u>	<u>Blue Bell, Pa.</u>
Managing Editor	<u>A. S. Rosnitter</u>	<u>Blue Bell, Pa.</u>
Business Manager	<u>A. S. Rosnitter</u>	<u>Blue Bell, Pa.</u>

2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.)

C. J. Stover 130 Summit Ave., Jenkintown, Pa.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgage, or other securities are: (If there are none, so state.)

None

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than is so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the twelve months preceding the date shown above is: (This information is required from daily publications only.)

214 Any other September 1935
(Signature of owner, publisher, managing editor, or owner.)

Sworn to and subscribed before me this 21st day of September 1936
[Seal.] Com. 101016
(My commission expires June 27 1938)

Note.—This statement must be made in duplicate and both copies delivered by the publisher to the postmaster who shall send one copy to the Third Assistant Postmaster General (Division of Classification, Washington, D. C.) and retain the other at the time of the post office. The postmaster must provide a copy of this statement to the nearest news printer next after the filing.

POSTMASTER: BE SURE TO READ AND CAREFULLY OBEY THE INSTRUCTIONS ON THE OTHER SIDE.

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November 1938

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DO YOU KNOW...

That the first installation of asbestos-cement pipe was used for carrying corrosive salt water for street cleaning and fire fighting in an Italian seacoast town.

That the first Ruberoid products were manufactured in an old sawmill building at South Bound Brook, N. J., in 1886 - 52 years ago.

That the Cape Asbestos Company were the original miners of blue (crocidolite) asbestos, about 45 years ago.

That the research laboratories of Johns-Manville employ 115 men.

?

[Send us interesting facts concerning your company for use on this page.]

